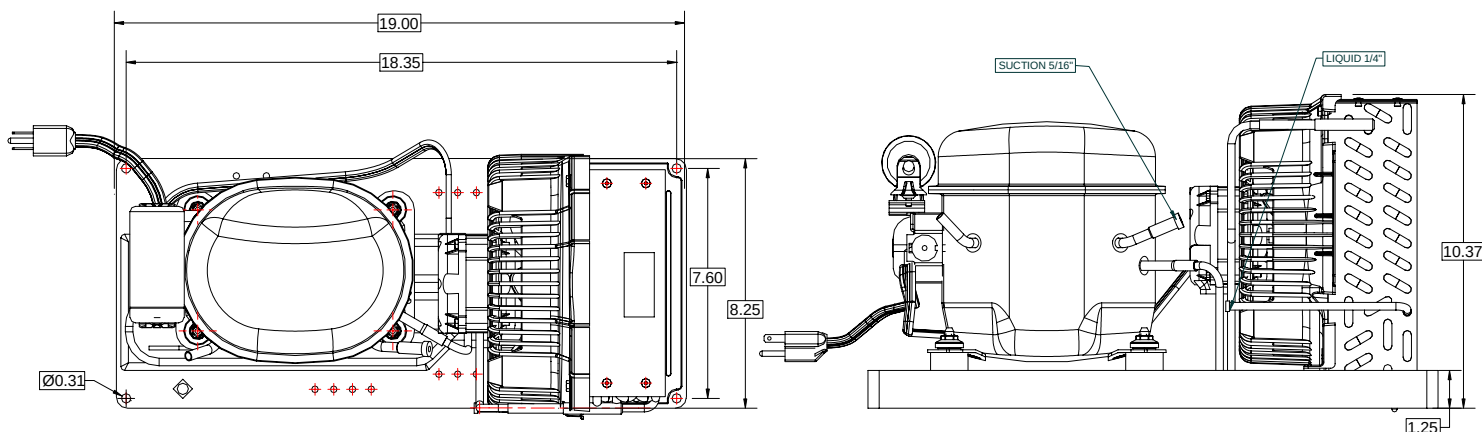
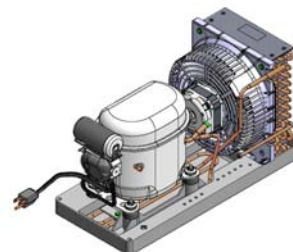




TECUMSEH HERMETIC CONDENSING UNIT

Model	AEA3417YXAGL , -K
BOM	33X510-2, -3
Air Cooled	1/5 HP
Application	High Temp
Refrigerant	R134a
Volts-Hz-Ph	115-60-1



Model	Dimensions, inches (mm)			Line connections		Pumpdown	Air flow	Oil Ch.	Gross wt.
	L	W	H	Suction	Liquid	90% @90°F	CFM	Oz.	Lbs (kg)
AEA3417YXAGL	19	8.7	10.3	5/16 Sweat	1/4 Sweat	n/a	242	16	39.6
AEA3417YXAGK	(483)	(221)	(262)						

Factory charge 20 psig dry air, **MUST BE EVACUATED**

Evaporator		Ambient Temperatures											
		80°F			90°F			100°F			110°F		
°F	Psig	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
20	18.4	1071	232	103	1016	236	111	945	239	118	859	242	124
25	22.1	1202	245	104	1139	248	112	1062	249	119	970	250	126
30	26.0	1348	260	105	1271	263	113	1184	265	120	1086	267	128
35	30.3	1492	275	107	1412	279	114	1317	282	122	1207	285	130
40	35.0	1663	290	108	1562	294	116	1452	299	124	1332	303	132
45	40.0	1794	306	110	1718	312	119	1608	318	126	1465	324	134
50	45.3	1985	324	114	1885	330	121	1757	338	128	1599	347	136
55	51.1	2188	343	117	2061	351	124	1912	360	131	1738	373	139

Performance @ 60 Hz, Return gas 65°F, SubCooling 5°F

Parts/Specifications

Unit BOM	33X510-2	Condenser	50733-G04
Unit MODEL	AEA3417YXAGL	Shroud	
		Fan Guard	116-003P
Refrigeration RANGE	+20°F to 55°F		
Design Pressure Low	150	Replacement Fan Motor	6W115
Design Pressure High	300	F. M., blade, guard assy	YFBG-106
Volts - HZ - Ph	115-60-1	F. M., blade, guard, shroud assy	
Voltage Range	126.5 to 103.5		
Min. Circuit Ampacity	4.66	Electrical Diagram	DEAE-1
Max. Fuse Size	15	Unit Drawing	DGBU-042
Compressor MODEL	AEA3417YXA	Unit BOM	33X510-3
Compressor BOM	AE520AR-719-A2	Unit MODEL	AEA3417YXAGK
Compressor LRA	22	Power Cord	85106-10
Compressor RLA	3.4	Unit Drawing	DGBU-042
OverLoad	83601		
Relay	820RR12A22		
Run Capacitor			
Run Capacitor Rating			
Start Capacitor			
Start Capacitor Rating			
Fan Motor	NUT6B06ZUN301		
Fan Motor RLA	0.41		
Fan Blade	4VEA009		

